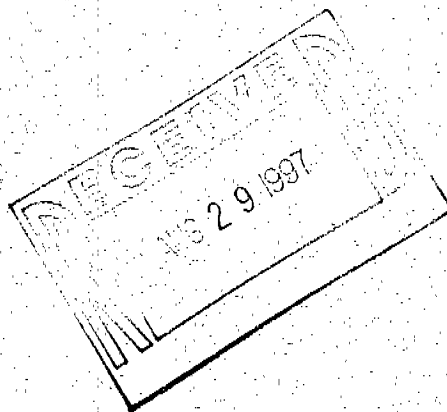


ABATEMENT REPORT

**MELVIN YARBORO PROPERTY
2205 OAK HILL DRIVE
GREENSBORO, NORTH CAROLINA**

AUGUST 29, 1997

#10017



LEGACY ENVIRONMENTAL SERVICES, INC.





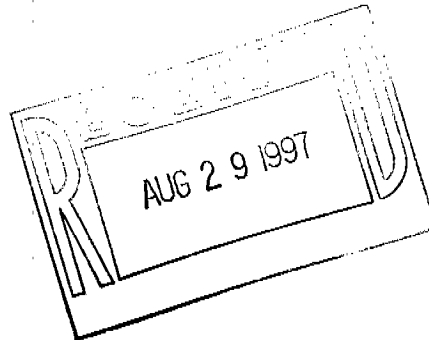
LEGACY ENVIRONMENTAL SERVICES, INC.

P.O. Box 4560, Greensboro, NC 27404-4560, Phone (910) 316-0452, FAX (910) 299-1961

August 29, 1997

Melvin Yarboro
1072 Tarry Church Road
Star, North Carolina 27356

Reference: Abatement Report
Yarboro Property
2205 Oak Hill Drive
Greensboro, North Carolina



Dear Mr. Yarboro:

Please find enclosed a report summarizing the remediation activities conducted at the above referenced facility. Site assessment activities conducted at this site in 1995 revealed a low level release of petroleum in soils in the vicinity of a 550 gallon heating oil UST which was removed from the site in 1993. The remedial actions described herein were performed as a result of this release and consisted of excavation and disposal of contaminated soils and confirmatory soil sampling.

If you have questions regarding this report, please contact our office.

Sincerely,

Brandon Moore, Staff Geologist

Henry Nemargut, P.E.
Legacy Environmental Services, Inc.

ABATEMENT REPORT

MELVIN YARBORO PROPERTY
2205 OAK HILL DRIVE
GREENSBORO, NORTH CAROLINA

AUGUST 29, 1997

PREPARED BY: LEGACY ENVIRONMENTAL SERVICES, INC.

TABLE OF CONTENTS

Section	Page
1.0 Introduction and Background	
1.1 Introduction	1
1.2 Scope of Services	1
2.0 Excavation and Remediation Activities	
2.1 Soil Excavation & UST Closure	2
2.2 Site Assessment	2
2.3 Material Handling and Treatment	3
3.0 Conclusions and Recommendations	
3.1 General Summary	3
3.2 Recommendations	4
4.0 Professional Certification	4

LIST OF TABLES

Table 1:	Results From Field and Laboratory Analyses
----------	--

LIST OF FIGURES

Figure 1:	Project Location
Figure 2:	Site Layout and Former UST Location
Figure 3:	Project Area Layout and Remedial Excavation
Figure 4:	Soil Sample Locations and Soil TPH Map

APPENDICES

Appendix A:	Laboratory Analytical Results
Appendix B:	Soil Disposal Manifests
Appendix C:	Geologic Log of Excavation

ABATEMENT REPORT
YARBORO PROPERTY
2205 OAK HILL DRIVE
GREENSBORO, NORTH CAROLINA

1.0 Introduction and Background

1.1 Introduction

Melvin Yarboro formerly owned a property containing one occupied structure used for residence located at 2205 Oak Hill Drive in the City of Greensboro, County of Guilford, North Carolina. Figure 1 illustrates the location of this facility on the U.S.G.S. Topographic Map of the Greensboro Quadrangle. This site previously contained one 550 gallon heating oil UST used for heating of the residence. The UST was removed from the residence on February 24, 1993. The site layout and former tank location is illustrated in Figure 2. In February of 1993, soil contamination was discovered in a preliminary soil sample obtained from below the heating oil UST located at the site. This contamination showed a level of 1,450 parts per million (ppm) as verified by EPA Method 3550 and 145 ppm by Method 5030.

Following discovery of the release, Melvin Yarboro contracted Legacy Environmental Services (Legacy) to perform comprehensive site assessment activities at the site. Legacy's Comprehensive Site Assessment (CSA) report was submitted on March 10, 1995. Following completion of the CSA, Legacy prepared a Corrective Action Plan (CAP) to determine the most efficient method of remediation. Legacy's CAP for this site was submitted on April 4, 1997. Legacy solicited competitive bids for soil remediation and estimated the total project cost for in-situ vs. ex-situ treatment of contaminated soil. This study indicated that excavation and off-site disposal was the most cost effective method of soil remediation at the project site.

Based on the results from competitive bids and our evaluation of total project cost, Melvin Yarboro contracted Legacy to complete site remediation to prevent further subsurface migration of contaminants. Contained herein is a summary of remediation activities conducted around the former location of the heating oil UST at the site.

1.2 Scope of Services

This remedial action report contains documentation concerning the following activities which have been conducted at this facility:

- o Excavation of contaminated soils by OK Enterprises of Greensboro, NC
- o Soil sampling and field screening activities conducted by Legacy
- o Laboratory analyses of soil samples conducted by Water Technology and Control, Inc. of Reidsville, NC
- o Loading, transportation, and disposal of contaminated soils by Soil Treatment and Processing (STP) of Greensboro, NC

2.0 Excavation and Remediation Activities

2.1 Remedial Activities

Based on the estimated extent of contamination outlined in Legacy's CSA report, remedial action activities were initiated on August 20, 1997. OK Enterprises (OKE) mobilized to the site to attempt to excavate TPH impacted soils. A staff manager from Legacy was present on-site to direct excavation activities and perform field screening and sampling of soils.

Excavation in the vertical and horizontal directions was guided by field screening in-situ soils utilizing a TECO Organic Vapor Meter (PID). The unit was calibrated prior to use in accordance with manufacturer's recommended procedures with a 285 ppm calibration gas standard furnished by the manufacturer. Samples selected for field screening were placed into "ziplock" type bags, agitated and allowed to equilibrate in sunlight in order to obtain a representative value of soil off-gases.

Excavation activities were focussed on soils in the area of the former 550 gallon heating oil UST. This area showed a maximum TPH level of 1,450 ppm by EPA Method 3550 and 145 ppm by Method 5030. These results were obtained from soil samples collected from beneath the former UST. Figure 3 illustrates the arrangement of the former UST involved in this project. Excavation activities were initiated by removing native soils below the former UST area. The soils excavated from approximately 3' deep to a depth of approximately 21' below surface were stockpiled in a temporary contaminated soil stockpile. These soils were then loaded for transportation by Soil Treatment and Processing (STP) to the Dickinson Farm in Thomasville, NC for disposal.

The extent of the excavation created by remediation activities resulted in a pit with dimensions of approximately 14' long X 12' wide X 21' deep as illustrated on Figure 2. Approximately 163 tons of soils exhibiting signs of contamination were excavated from the former heating oil UST area. PID readings averaged 185 ppm for these soils. The final pit boundaries yielded PID readings below detection limits and exhibited no visual or olfactory evidence of contamination.

2.2 Laboratory Analyses

Following excavation activities, five confirmatory samples were obtained from in-situ soils in the walls and from the bottom of the excavation in the locations indicated in Figure 4. A composite sample was also obtained from the contaminated soil stockpile. These soil samples were labeled with sample location, analyses to be performed, time, date and the sampler's name. They were then placed in a cooler and chilled with ice to approximately 4°C in preparation for transportation to the analytical laboratory, utilizing EPA approved chain-of-custody procedures. Samples were submitted to the analytical laboratory for analysis according to EPA Method 3550 and EPA Method 5030. Method 3550 tests for contaminants from high boiling point fuels such as kerosene, diesel and heating oil. Method 5030 detects contaminants from low boiling-point fuels such as gasoline, aviation fuel, and gasohol. The current regulatory action level for 3550 compounds is 40 ppm and for 5030 compounds the standard is 10 ppm.

Samples A, B, C, and D were obtained at depths of approximately 20' from the walls of the excavation, and sample E was obtained at a depth of 21' from the bottom of the remedial excavation. Sample SP was collected as a composite of the contaminated soils removed from the remedial excavation. Laboratory analytical results failed to indicate the presence of either 3550 or 5030 compounds above current action levels in samples A, B, and E. Sample C showed 3550 TPH at a level of 69 ppm and Sample D showed 3550 TPH at a level of 98 ppm. Both of these samples were below detection limits for Method 5030 TPH. Table 1 lists sample locations, depth, and results of field and laboratory analysis for samples obtained during this project. The discrete soil sample locations and the analytical results are illustrated on Figure 4. Laboratory results and chain of custody records for all soil samples obtained and analyzed during this project are contained in Appendix A.

2.3 Material Handling and Disposal

Approximately 163.42 tons of soils were excavated from the remedial pit and were transported by STP to the Dickinson Farm in Thomasville, NC for disposal. Sample SP was obtained from the soils excavated from around the former heating oil UST. This sample was collected as a composite of the stockpiled soils, and was obtained in accordance with the March, 1997 DEM guidelines. Laboratory analyses indicated a TPH 3550 level of 15,700 ppm and a TPH 5030 level of <10 ppm in sample SP. Table 1 summarizes results from field and laboratory analyses for this sample and Appendix A contains a copy of the laboratory analytical results and the EPA chain of custody records for this sample.

The soils excavated during this project were disposed by Soil Treatment and Processing at the Dickinson Farm in Thomasville, NC. Soil disposal manifests for these soils are included in Appendix B.

3.0 Conclusions and Recommendations

3.1 General Summary

The site remediation project conducted at the Yarbboro Property located at 2205 Oak Hill Drive in Greensboro, NC has been completed. From a review of all information gathered during this remediation project, Legacy Environmental Services, Inc. makes the following conclusions:

- o Excavation of contaminated soils was performed on August 20 and 21, 1997 in the area of a former 550 gallon heating oil UST. Approximately 163 tons of soils exhibiting signs of contamination through OVA readings, soil discoloration, and petroleum odors were excavated from the former UST area.
- o Laboratory analyses of five confirmatory samples obtained from the pit walls and bottom following excavation failed to indicate TPH levels above current regulatory reportable concentrations.
- o 163.42 tons of contaminated soils exhibiting a 3550 TPH level of 15,700 ppm and a 5030 TPH level of <10 ppm were transported by STP to the Dickinson Farm in Thomasville, NC for disposal.

3.2 Recommendations

Based upon a review of all information gathered during this remediation project, Legacy Environmental Services, Inc. believes that soil contamination at 2205 Oak Hill Drive in Greensboro, NC has been remediated to an extent that residual contaminant levels will not pose an environmental hazard. The minor amounts of petroleum hydrocarbon contamination which remain in the soils will be adequately remediated by natural processes. The monitoring well network present on-site can be used to monitor the shallow groundwater for possible increases in contaminant concentrations due to the residual soils. Legacy recommends the following additional assessment activities at this site:

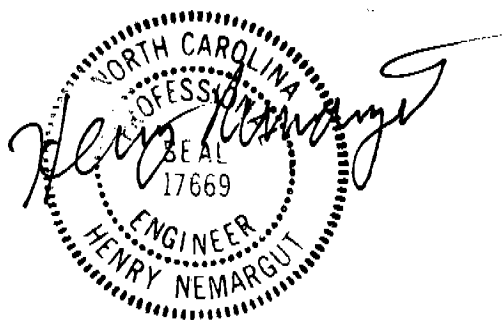
- To ensure that natural attenuation is suitable for remediation of residual contaminants in shallow groundwater, the on-site monitor wells should be sampled for 602 + xylenes, 625 + 10 largest peaks, and 3030C for lead on a semi-annual basis for two years.
- The site should be closed for monitoring only if contamination is not detected in site monitor wells within 2 years. The site should be permanently closed following 4 consecutive sampling events indicating no 2L groundwater violations.

This report should be forwarded to the following address:

Guilford County Health Department
301 N. Eugene Street
Greensboro, NC 27401

4.0 Professional Certification

The Abatement Report for this site has been prepared by Legacy Environmental Services, Inc. under the direct supervision of licensed engineers or geologists. Technical review of this document has been provided by Henry Nemargut Engineering Services. All engineering work performed on this project was conducted under my direct supervision:



Henry Nemargut, P.E.
Henry Nemargut Engineering Services
North Carolina License #17669

This report has been prepared for the exclusive use of Melvin Yarboro for the specific application to the referenced site located in Guilford County, North Carolina. The assessment was conducted based on the scope of work and level of effort desired by the client. Our findings have been developed in accordance with generally accepted standards in the practice of abatement activities in the State of North Carolina, available information and our professional judgement. No other warranty is expressed or implied.

The data presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. Additionally, the data obtained from the samples would be interpreted as meaningful with respect to the parameters indicated in the laboratory reports. No additional information can be logically inferred from this data.

TABLE

TABLE 1
FIELD AND LABORATORY ANALYTICAL RESULTS
SOIL SAMPLES

2205 OAK HILL DRIVE
GREENSBORO, NORTH CAROLINA

SAMPLE ID	LOCATION	DATE	DEPTH (FT)	TPH (3550)*	TPH (5030)*	QVA **
A	Northwest Wall	8/20/97	20'	<10	<10	<10
B	Northeast Wall	8/20/97	20'	<10	<10	<10
C	Southeast Wall	8/20/97	20'	69	<10	<10
D	Southwest Wall	8/20/97	20'	98	<10	<10
E	Bottom of Pit	8/20/97	21'	<10	<10	<10
SP	Stockpile	8/20/97	Composite	15,700	<10	245

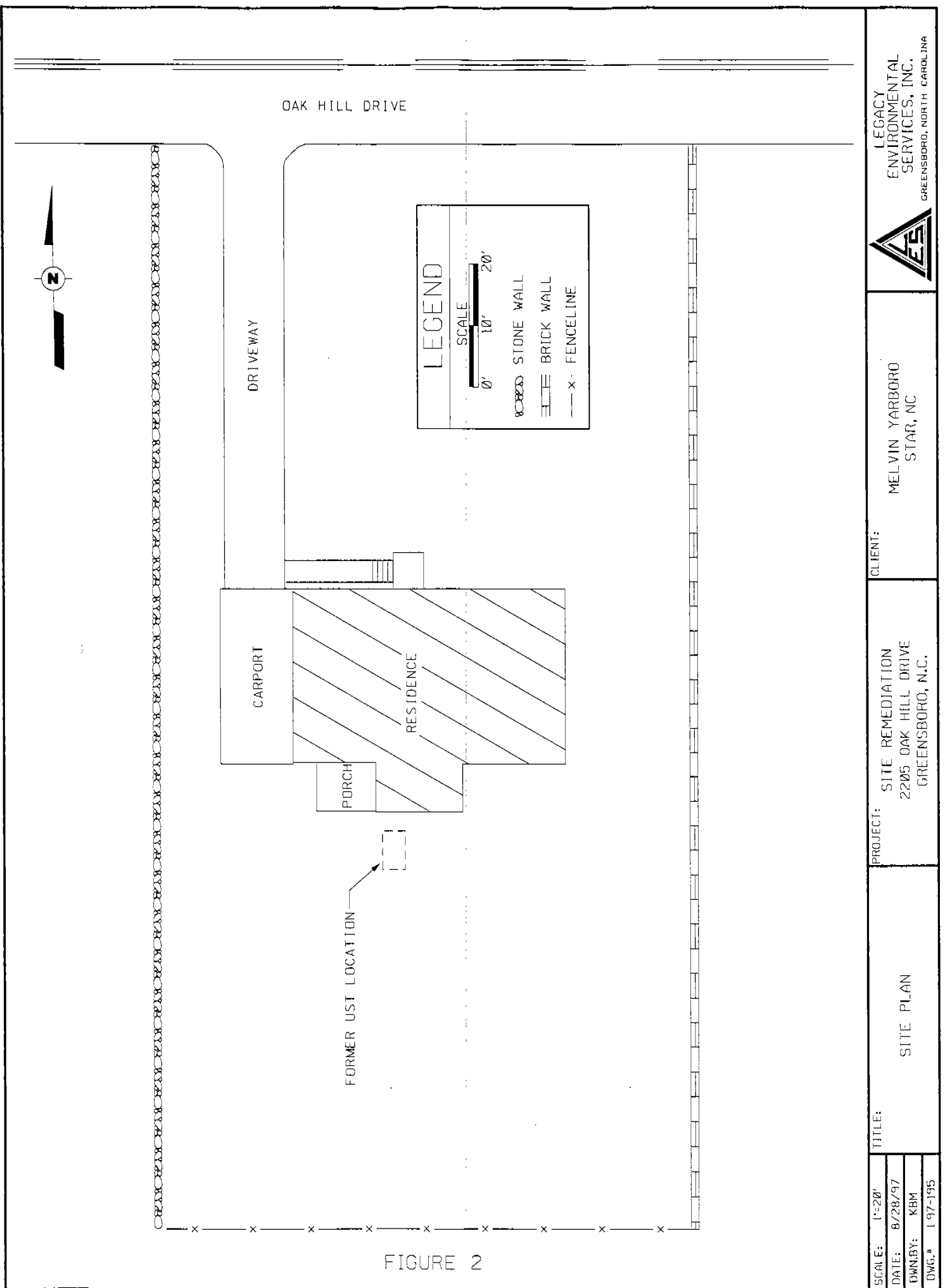
* Results in parts per million (ppm)

** Field Screening Method - Photoionization Detector (ppm)

<10 = Below Detection Limits

R97-203A

FIGURES



LEGACY
ENVIRONMENTAL
SERVICES, INC.
GREENSBORO, NORTH CAROLINA



MELVIN YARBORO
STAR, NC

CLIENT:

PROJECT: SITE REMEDIATION
2205 OAK HILL DRIVE
GREENSBORO, N.C.

TITLE:

SITE PLAN

SCALE: 1"=20'

DATE: 8/28/97

DWN.BY: KBM

DWG.# 197-195

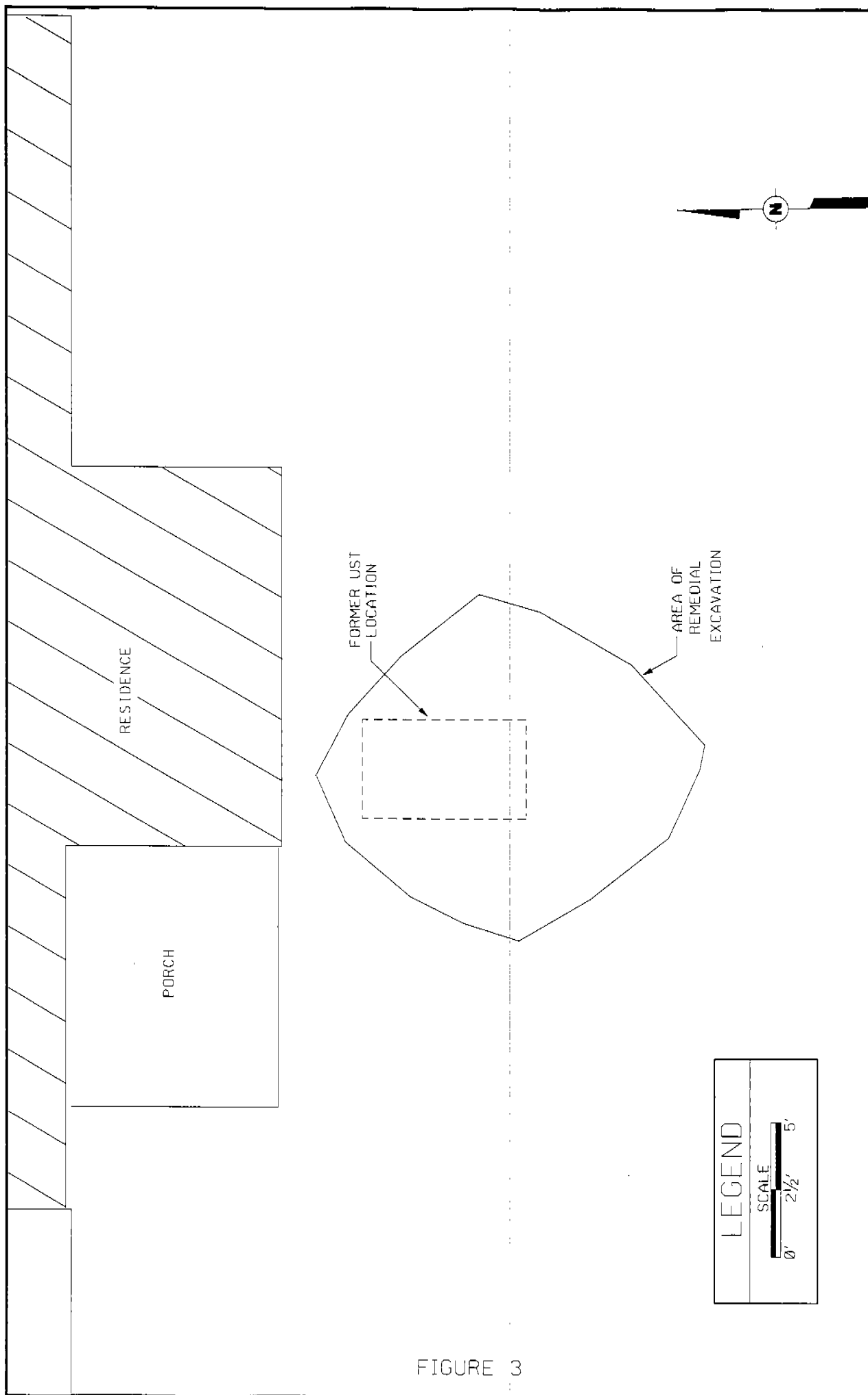


FIGURE 3

LEGACY
ENVIRONMENTAL
SERVICES, INC.
GREENSBORO, NORTH CAROLINA



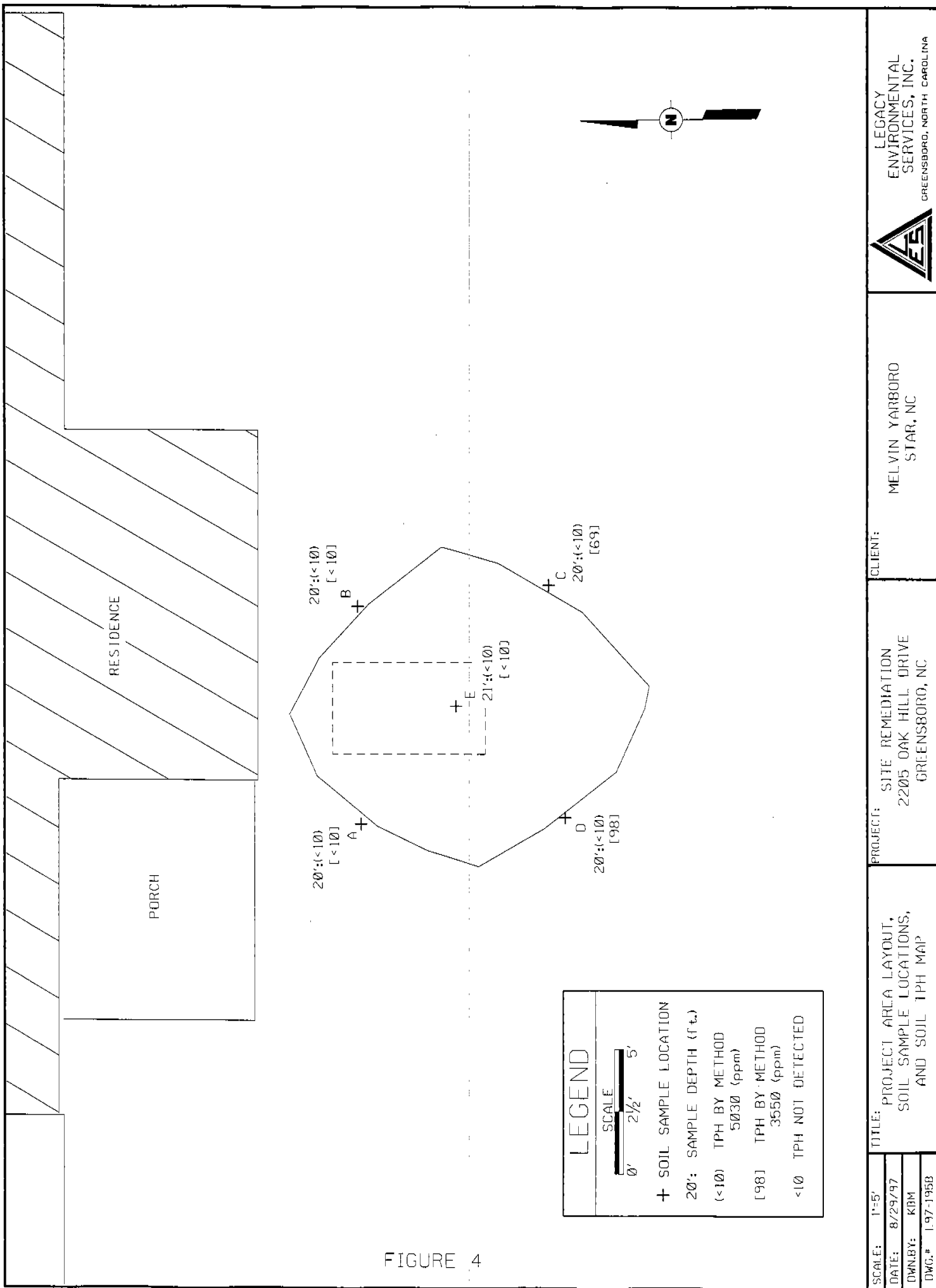
MELVIN YARBORO
STAR, NC

CLIENT:

PROJECT: SITE REMEDIATION
2205 OAK HILL DRIVE
GREENSBORO, NC

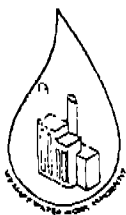
TITLE:
PROJECT AREA LAYOUT AND
REMEDIAL EXCAVATION

SCALE: 1"=5'
DATE: 8/29/97
DWG. BY: KBM
DWG. # 197-195A



APPENDIX A

LABORATORY ANALYTICAL RESULTS



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client: Legacy Environmental
Project: P-342Z Yarbboro Property
Client Sample ID: A Northwest Wall
Sample Collection: 08/20/97 1419

WT&C ID: '08219736
Analysis: 08/27/97
Analyst: VWV

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

< 10 mg/kg

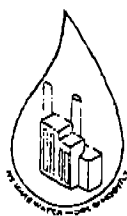
Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

< 10 mg/kg



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client: Legacy Environmental
Project: P-342Z Yarboro Property
Client Sample ID: B Northeast Wall
Sample Collection: 08/20/97 1428

WT&C ID: '08219737
Analysis: 08/27/97
Analyst: VWV

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

< 10 mg/kg

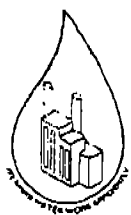
Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

< 10 mg/kg



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client: Legacy Environmental
Project: P-342Z Yarboro Property
Client Sample ID: C Southeast Wall
Sample Collection: 08/20/97 1440

WT&C ID: '082197341
Analysis: 08/27/97
Analyst: VWV

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

69 mg/kg

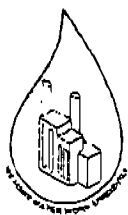
Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

< 10 mg/kg



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client: Legacy Environmental
Project: P-342Z Yarboro Property
Client Sample ID: D Southwest Wall
Sample Collection: 08/20/97 1452

WT&C ID: '08219738
Analysis: 08/27/97
Analyst: VWV

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

98 mg/kg

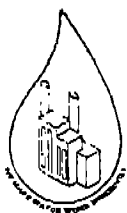
Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

<10 mg/kg



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client: Legacy Environmental
Project: P-342Z Yarboro Property
Client Sample ID: E Bottom of Pit
Sample Collection: 08/20/97 1510

WT&C ID: '08219740
Analysis: 08/27/97
Analyst: VWV

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

< 10 mg/kg

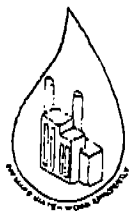
Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

< 10 mg/kg



Water Technology and Controls, Inc.
Environmental Laboratory (NC #165)
Reidsville, North Carolina 27320
(910) 342-4748

Client:	Legacy Environmental	WT&C ID:	'08219739
Project:	P-342Z Yarbboro Property	Analysis:	08/27/97
Client Sample ID:	SP Stock Pile	Analyst:	VWV
Sample Collection:	08/20/97 1528		

Total Petroleum Hydrocarbons - CF GC/3550

High Boiling Point Fuels

Result Units

Diesel

15,700 mg/kg

Total Petroleum Hydrocarbons - CF GC/5030

Low Boiling Point Fuels

Result Units

Gasoline

< 10 mg/kg

[illegible]

APPENDIX B

SOIL DISPOSAL MANIFESTS

NON-HAZARDOUS MANIFEST

NO 04737

GENERATOR

Generator Melvin Yarboro
Address 2205 Oak Hill Drive
Greensboro, NC 27408
Contact Melvin Yarboro

Project # _____
Fax _____
Phone 910-428-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
Petroleum Contaminated Soil	Gross	77420	
	Empty	28.500	
	Net	48920	24.46 Tons

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

EL RAYMAR
Generator Authorized Agent Name (Print)

[Signature] 8/20/97
Signature Date

TRANSPORTER

Transporter Shelton Trucking Co.
Address 5901 Bobbybrook Dr.
Clemmons, NC 27012

Date _____
Phone 910-766-3408
Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name Mike Todd

Transporter Signature [Signature] Date 8-20-97

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)
Address 6295 Post Road, Thomasville, NC 27360
Phone 910-632-3300 Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print)

Signature

Receipt Date

White - Original-Return to Generator

Canary - File Copy-Facility

Pink - Transporter Copy

Gold - Generator Copy

NON-HAZARDOUS MANIFEST

NO 04738

GENERATOR

Generator Melvin Yarboro
Address 2205 Oak Hill Drive
Greensboro, NC 27408
Contact Melvin Yarboro

Project # _____
Fax _____
Phone 910-428-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
Petroleum Contaminated Soil	Gross	82840	
	Empty	30000	
	Net	52840	
		26.42 tons	

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Eddie Ramey - L for Leacy
Generator Authorized Agent Name (Print)

[Signature] 8/24/92
Signature Date

TRANSPORTER

Transporter Shelton Trucking Co.
Address 5901 Bobbybrook Dr.
Clemmons, NC 27012

Date _____
Phone 910-756-3406
Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name _____

Transporter Signature [Signature] Date 8-20-92

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)
Address 6295 Post Road, Thomasville, NC 27360
Phone 910-632-3300 Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print)

Signature

Receipt Date

White - Original-Return to Generator

Canary - File Copy-Facility

Pink - Transporter Copy

Gold - Generator Copy

NON-HAZARDOUS MANIFEST

NO 04739

GENERATOR

Generator Melvin Yarboro

Project # _____

Address 2205 Oak Hill DriveGreensboro, NC 27408

Fax _____

Contact Melvin YarboroPhone 910-423-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
<u>Petroleum Contaminated Soil</u>	<u>Gross</u>	<u>83660</u>	
	<u>Empty</u>	<u>3000</u>	
	<u>Net</u>	<u>53660</u>	
		<u>26.837 tons</u>	

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Ed Raymond
Generator Authorized Agent Name (Print)[Signature] 8/24/97
Signature Date

TRANSPORTER

Transporter Shelton Trucking Co.

Date _____

Address 5901 Bobbybrook Dr.Phone 910-766-3403Clemmons, NC 27012Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name _____

[Signature] 8-20-97
Transporter Signature Date

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)Address 6295 Post Road, Thomasville, NC 27360Phone 910-632-3300Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print)

Signature

Receipt Date

White - Original-Return to Generator

Canary - File Copy-Facility

Pink - Transporter Copy

Gold - Generator Copy

NON-HAZARDOUS MANIFEST

NO 04740

GENERATOR

Generator Melvin Yarboro

Project # _____

Address 2205 Oak Hill DriveGreensboro, NC 27408

Fax _____

Contact Melvin YarboroPhone 910-428-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
Petroleum Contaminated Soil	Gross	79780	
	Empty	29000	
	Net	50780	25.39 Tons

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name (Print) Ed RaywardSignature GDate 8/20/97

TRANSPORTER

Transporter Shelton Trucking Co.

Date _____

Address 5901 Bobbybrook Dr.Phone 910-766-3403Clemmons, NC 27012Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name Christopher QuinnTransporter Signature Chris Quinn Date 8-20-97

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)Address 6295 Post Road, Thomasville, NC 27360Phone 910-632-8800Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print) _____

Signature _____

Receipt Date _____

NON-HAZARDOUS MANIFEST

No 04741

GENERATOR

Generator Melvin Yarboro

Project # _____

Address 2205 Oak Hill DriveGreensboro, NC 27408

Fax _____

Contact Melvin YarboroPhone 910-428-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
Petroleum Contaminated Soil	Gross	91780	
	Empty	29000	
	Net	62780	31.39 Tons

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name (Print) Ed RaymondSignature [Signature]Date 8/20/97

TRANSPORTER

Transporter Shelton Trucking Co.

Date _____

Address 5901 Bobbybrook Dr.Phone 910-756-3408Clemmons, NC 27012Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name Chris LevinTransporter Signature Chris LevinDate 8-20-97

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)Address 6295 Post Road, Thomasville, NC 27360Phone 910-632-8800Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print) _____

Signature _____

Receipt Date _____

White - Original-Return to Generator

Canary - File Copy-Facility

Pink - Transporter Copy

Gold - Generator Copy

NON-HAZARDOUS MANIFEST

NO 04742

GENERATOR

Generator Melvin Yarboro

Project # _____

Address 2205 Oak Hill DriveGreensboro, NC 27403

Fax _____

Contact Melvin YarboroPhone 910-428-4688

Waste Description	Profile Number	Total Quantity	Unit of Measure
<u>Petroleum Contaminated Soil</u>	<u>Gross</u>	<u>86,360</u>	
	<u>Empty</u>	<u>28,500</u>	
	<u>Net</u>	<u>57,860</u>	<u>28.93 Tons</u>

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Ed RAYNARD
Generator Authorized Agent Name (Print)[Signature]
Signature8/20/97
Date

TRANSPORTER

Transporter Shelton Trucking Co.

Date _____

Address 5901 Bobbybrook Dr.Phone 910-766-3403Clemmons, NC 27012Contact J.S. Shelton

As the Transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly packaged and labeled and are in compliance with all applicable regulations governing transportation and I hereby receive this material for delivery to the facility designate.

Transporter Name Mike ToddTransporter Signature Mike ToddDate 8-20-97

DESIGNATED FACILITY

Site Name Linda L. Dickinson Farm (SR0400107)Address 6295 Post Road, Thomasville, NC 27350Phone 910-632-8300Fax 910-632-9400

I hereby acknowledge receipt of the above-described materials.

Authorized Agent (Print)

Signature

Receipt Date

White - Original-Return to Generator

Canary - File Copy-Facility

Pink - Transporter Copy

Gold - Generator Copy

APPENDIX C
GEOLOGIC LOG OF EXCAVATION

Legacy Environmental Services, Inc.

Address: 2205 Oak Hill Drive Greensboro, NC

Job No.: P-342

Excavation Method: Track-hoe

Start Date: 8/20/97

Sample Method: Track-hoe Bucket

Contractor: OK Enterprises

Sampled By: TRR

Sample ID: Soil Remediation Samples

Logged By: KBM

Comments:

Sample Number	Depth (FT.)	Soil Description (color, soil type, moisture)	OVA (ppm)
A	20	orange-brown, CLAY with silt, moist	< 10
B	20	dark brown, CLAY and SILT, moist	<10
C	20	orange-tan, SILT with clay and trace sand, damp	<10
D	20	orange-brown, CLAY with silt, damp to moist	<10
E	21	dark brown, CLAY with silt, moist	<10
SP	Composite		245
P-342X			